

device, the computer-executable process steps comprising:

code to generate a graphical user interface ("GUI"), the GUI providing a first controller for controlling at least one of a seek time of the data storage device and a noise level of the data storage device;

code to operate the first controller so as to alter settings in the GUI for at least one of the seek time and the noise level of the data storage device; and

code to output commands to the data storage device causing the data storage device to alter [its operation] seek trajectory shape to suppress unwanted frequencies in accordance with altered settings in the GUI.

167. (Amended) An apparatus for controlling operation of a data storage device, the apparatus comprising:

a memory which stores computer-executable process steps; and

a processor which executes the process steps so as (i) to generate a graphical user interface ("GUI"), the GUI providing a first controller for controlling at least one of a seek time of the data storage device and a noise level of the data storage device, (ii) to operate the first controller so as to alter settings in the GUI for at least one of the seek time and the noise level of the data storage device, and (iii) to output commands to the data storage device causing the data storage device to alter [its operation] seek trajectory shape to suppress unwanted frequencies in accordance with altered settings in the GUI.

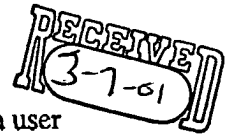
187. (Amended) Method of controlling operation of a data storage device, the method comprising the steps of:

providing a controller for controlling at least one of a seek time of the data storage device and a noise level of the data storage device;

operating the controller so as to alter settings in the controller for a least one of the seek time and the noise level of the data storage device; and

outputting commands to the data storage device causing the data storage device to alter [its operation] seek trajectory shape to suppress unwanted frequencies in accordance with the altered settings.

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188. (Amended) A disc drive comprising a controller under control of a user which alters seek time of the disc drive and noise level of the disc drive in inverse relation by changing seek trajectory shape to suppress unwanted frequencies.

191. (Amended) Computer-executable process steps stored on a computer-readable medium, the computer-executable process steps to control operation of a data storage device, the computer-executable process steps comprising:

code providing a first controller for controlling at least one of a seek time of a data storage device and a noise level of a data storage device;

code to operate the first controller so as to alter settings for at least one of the seek time and the noise level of the data storage device; and

code to output commands to the data storage device causing the data storage device to alter [its operation] seek trajectory shape to suppress unwanted frequencies in accordance with altered settings.

192. (Amended) Apparatus for controlling operation of a data storage device, the apparatus comprising:

a memory which stores computer-executable process steps; and

a processor which executes the process steps to provide a first controller for controlling at least one of a seek time of a data storage device and a noise level of the data storage device, to operate the first controller so as to alter settings for a least one of the seek time and the noise level of the data storage device, and to output commands to the data storage device causing the data storage device to alter [its operation] seek trajectory shape to suppress unwanted frequencies in accordance with the altered settings.

Remarks

Claims 148-151, 156, 159-161, 164, 167, and 187-192 are currently pending in this application. The pending independent claims are amended herein in accordance with the discussion during the Examiners' interview conducted on February 27, 2001. Support may be found generally throughout this specification and in particular on Page 11 beginning at line 13 and in Section 11.0 beginning on Page 71 of the specification.